

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

JANUARY 1978

Reserve
25F918
B5V4

VETERINARY BIOLOGICAL PRODUCTS:

■ Licensees

U.S. DEPT. OF AGRICULTURE
NAT'L. ARCH. LIBRARY
RECEIVED

JAN 10 '78

PROPERTY OF
U.S. DEPT. OF AGRICULTURE
NAT'L. ARCH. LIBRARY

447-6315

Prepared by Veterinary Services
Animal and Plant Health Inspection Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Hyattsville, Maryland 20782

INTRODUCTION

This publication contains lists of licensed establishments and licensees with their subsidiaries and divisions as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by license number identifies each licensee, subsidiary, and division authorized to do business in the establishment.

Under the listing of licensed biological products, the principal part of the true names are underlined. Various forms of the product are indicated by modifying phrases, and each form is assigned a code number by Veterinary Services. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The numbering system used for product codes provides for a number to be assigned to each product; i.e., first digit denotes product type; second and third - grouping by agents; fourth - state of product; fifth - menstrum; and sixth - miscellaneous variables.

TABLE OF CONTENTS

	Page
Alphabetical Listing Licensees, Subsidiaries, Divisions	1
Numerical Listing of Establishments	6
Vaccines and Viruses	14
Bacterins	37
Antiserums	43
Diagnostics	45
Antitoxins	47
Bacterin-Toxoids	48
Toxoids	50
Miscellaneous Products	51

ALPHABETICAL LISTING

LICENSEES

SUBSIDIARIES - DIVISIONS

	LICENSE/ PERMIT* NUMBER
ABBOTT LABORATORIES	243, 243A
ACME LABORATORIES, INC.	266
AFFILIATED LABORATORIES DIVISION	225
AG-VET BIO'S, INC.	124
AGRI BIO CORP.	269
AGRI-MART DIVISION	272
ALCON LABORATORIES, INC.	259
AMATEX LABORATORIES, INC.	227
AMERICAN HOME PRODUCTS CORPORATION	112, 112A, 112B
AMERICAN SCIENTIFIC LABORATORIES	165
AMERICANA LABORATORIES, INC.	188
AMERLAB, INC.	234
ANCHOR LABORATORIES, INC.	124
APEX LABORATORIES, INC.	124
BANDY LABORATORIES	227
BAYVET	52
BI VET LABORATORIES, INC.	227
BIO VAC., INC.	124
BIO-CEUTIC LABORATORIES, INC.	124
BIOLOGICAL SPECIALTIES	245, 245A
BIOLOGICS CORPORATION	272

	LICENSE/ PERMIT* NUMBER
BIOLOGICS PRODUCTION, INC.	240
BRADLEY PRODUCTS COMPANY	251
BURNS-BIOTEC LABORATORIES	251
BURROUGHS WELLCOME CO.	115
CENTER LABORATORIES, INC.	259
CHROMALLOY ANIMAL HEALTH	251
CHROMALLOY PHARMACEUTICAL, INC.	251
COLORADO SERUM COMPANY	188
CONTINENTAL PHARMACAL COMPANY	188
COOKE INSTRUMENTS AG	273
COOKE INSTRUMENTS LTD.	273
COOKE LABORATORY PRODUCTS	273
COOKE LABORATORY PRODUCTS (PTE) LTD.	273
COOKE PRODUKTE AG	273
CUSTOM BIOLOGICS, INC.	272
CUTTER LABORATORIES, INC.	52
DAMON CORPORATION	196
DEKALB AG RESEARCH, INC.	271
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188
DIAMOND LABORATORIES, INC.	213
DOMS LABORATORIES	270
DOUGLAS INDUSTRIES, INC.	266
DOUGLAS LABORATORIES, INC.	266

	LICENSE/ PERMIT* NUMBER
DOUGLAS VETERINARY PRODUCTS, INC.	266
DYNATECH LABORATORIES	273
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112, 112A, 112B
FRANKLIN LABORATORIES, INC.	112, 112A, 112B
FROMM LABORATORIES, INC.	195, 195A
INTERNATIONAL, INC.	188
INTERSTATE BIOLOGIC CORP.	269
ITX CORPORATION	234
JENSEN-SALSBERY LABORATORIES	107, 107A
JOHNSON & JOHNSON	264, 264A
KENELAR, DIVISION AMERLAB, INC.	234
LONG ISLAND DUCK RESEARCH COOPERATIVE, INC.	268
MAAG BIOLOGICS, DIVISION AMERLAB, INC.	234
MAINE BIOLOGICAL LABORATORIES, INC.	240
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME INTERNATIONAL	3
MERRELL-NATIONAL LABORATORIES	107, 107A
METROPOLITAN MEDICAL COMPANY	188
MILES LABORATORIES, INC.	270
MILES VETERINARY DIVISION	270
MOGUL CORPORATION, THE	245, 245A
MYZON LABORATORIES, INC.	213

	LICENSE/ PERMIT* NUMBER
NATION, INC.	227
NORDEN LABORATORIES	189
PHILIPS ROXANE, INC.	124
PITMAN-MOORE, INC.	264, 264A
PROFESSIONAL BIOLOGICAL COMPANY	188
PUREX LABORATORIES	260
RICHARDSON-MERRELL, INC.	107, 107A
ROHM AND HAAS COMPANY	225
ROLYNN LABORATORIES, INC.	266
SALSBURY LABORATORIES	195, 195A
SCHERAMEX (MEXICO)	165
SCHERING CORPORATION	165
SCHERING LIMITED (CANADA)	165
SCHERING-PLOUGH INTERNATIONAL DIVISION	165
SCIENTIFIC LABORATORIES, INC.	188
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG, INC.	226, 226A
STERWIN LABORATORIES, INC.	226, 226A
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264, 264A
TRANS WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED ANIMAL SCIENCE	245, 245A
UNIVERSAL LABORATORIES, INC.	188

	LICENSE / PERMIT* NUMBER
VINELAND LABORATORIES, INC.	196
WELLCOME VACCINES DIVISION	115
WHITMOYER LABORATORIES, INC.	225
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112, 112A, 112B
WYETH VETERINARY PRODUCTS, INC.	112, 112A, 112B

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE
NUMBER

MERCK & COMPANY, INC.	3
DIVISIONS:	
MERCK CHEMICAL DIVISION	
MERCK SHARP & DOHME INTERNATIONAL	
MAIL: MERCK SHARP & DOHME	
DIVISION OF MERCK & CO., INC.	
WEST POINT, PENNSYLVANIA 19486	
CUTTER LABORATORIES, INC.	52
DIVISION:	
RAYVET	
MAIL: BAYVET DIVISION	
CUTTER LABORATORIES, INC.	
P. O. BOX 390	
SHAWNEE MISSION, KANSAS 66201	
RICHARDSON-MERRELL, INC.	107
DIVISIONS:	
JENSEN-SALSBERY LABORATORIES	
MERRELL-NATIONAL LABORATORIES	
MAIL: JENSEN-SALSBERY LABORATORIES	
DIVISION, RICHARDSON-MERRELL, INC.	
520 WEST 21ST STREET	
KANSAS CITY, MISSOURI 64141	
RICHARDSON-MERRELL, INC.	107A
DIVISIONS:	
JENSEN-SALSBERY LABORATORIES	
MERRELL-NATIONAL LABORATORIES	
MAIL: BIOLOGICAL LABORATORIES	
SWIFTWATER, PENNSYLVANIA 18370	
AMERICAN HOME PRODUCTS CORPORATION	112
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL: FORT DODGE LABORATORIES, INC.	
800 FIFTH STREET N.W.	
FORT DODGE, IOWA 50501	

AMERICAN HOME PRODUCTS CORPORATION

112A

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.
FRANKLIN LABORATORIES, INC.
WYETH INTERNATIONAL LIMITED
WYETH VETERINARY PRODUCTS, INC.

MAIL: FRANKLIN LABORATORIES, INC.
P.O. BOX 669
AMARILLO, TEXAS 79105

AMERICAN HOME PRODUCTS CORPORATION

112B

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.
FRANKLIN LABORATORIES, INC.
WYETH INTERNATIONAL LIMITED
WYETH VETERINARY PRODUCTS, INC.

MAIL: WYETH LABORATORIES, INC.
WASP & RIDDLE STREETS
MARIETTA, PENNSYLVANIA 17547

BURROUGHS WELLCOME CO.

115

DIVISION:

WELLCOME VACCINES DIVISION

MAIL: WELLCOME VACCINES DIVISION
BURROUGHS WELLCOME CO.
5030 YORK STREET
DENVER, COLORADO 80216

PHILIPS ROXANE, INC.

124

SUBSIDIARIES:

AG-VET BIO'S, INC.
APEX LABORATORIES, INC.
BIO VAC., INC.

DIVISIONS:

ANCHOR LABORATORIES, INC.
BIO-CEUTIC LABORATORIES, INC.

MAIL: 2621 NORTH BELT HIGHWAY
ST. JOSEPH, MISSOURI 64502

SCHERING CORPORATION
DIVISIONS:

165

AMERICAN SCIENTIFIC LABORATORIES
SCHERAMEX (MEXICO)
SCHERING LIMITED (CANADA)
SCHERING-PLOUGH INTERNATIONAL DIVISION
MAIL: AMERICAN SCIENTIFIC LABORATORIES
SCHERING CORPORATION
P.O. BOX 7130
MADISON, WISCONSIN 53707

COLORADO SERUM COMPANY
SUBSIDIARIES:

188

AMERICANA LABORATORIES, INC.
CONTINENTAL PHARMACAL COMPANY
DENVER COLORADO LABORATORIES, INC.
EMPIRE VETERINARY COMPANY
INTERNATIONAL, INC.
METROPOLITAN MEDICAL COMPANY
PROFESSIONAL BIOLOGICAL COMPANY
SCIENTIFIC LABORATORIES, INC.
UNIVERSAL LABORATORIES, INC.
MAIL: 4950 YORK STREET
DENVER, COLORADO 80216

NORDEN LABORATORIES

189

MAIL: P.O. BOX 80809
LINCOLN, NEBRASKA 68528

SALSBURY LABORATORIES

195

SUBSIDIARY:
FROMM LABORATORIES, INC.
MAIL: 2000 ROCKFORD ROAD
CHARLES CITY, IOWA 50616

SALSRURY LABORATORIES

195A

SUBSIDIARY:
FROMM LABORATORIES, INC.
MAIL: FROMM LABORATORIES, INC.
703 LAKE SHORE ROAD
GRAFTON, WISCONSIN 53024

DAMON CORPORATION	196
DIVISION:	
VINELAND LABORATORIES, INC.	
MAIL: 2285 EAST LANDIS AVENUE	
VINELAND, NEW JERSEY 08360	
 SYNTEX AGRIBUSINESS, INC.	 213
SUBSIDIARIES:	
DIAMOND LABORATORIES, INC.	
MYZON LABORATORIES, INC.	
SOUTHWESTERN LABORATORIES, INC.	
TRANS WORLD LABORATORIES, INC.	
MAIL: P. O. BOX 863	
DES MOINES, IOWA 50304	
 ROHM AND HAAS COMPANY	 225
SUBSIDIARY:	
WHITMOYER LABORATORIES, INC.	
DIVISION:	
AFFILIATED LABORATORIES DIVISION	
MAIL: AFFILIATED LABORATORIES DIVISION	
WHITMOYER LABORATORIES, INC.	
P. O. BOX 221	
WHITE HALL, ILLINOIS 62092	
 STERLING DRUG, INC.	 226
SUBSIDIARY:	
STERWIN LABORATORIES, INC.	
MAIL: P. O. BOX 537	
MILLSBORO, DELAWARE 19966	
 STERLING DRUG, INC.	 226A
SUBSIDIARY:	
STERWIN LABORATORIES, INC.	
MAIL: P. O. BOX 999	
OPELIKA, ALABAMA 36801	
 BANDY LABORATORIES	 227
SUBSIDIARIES:	
AMATEX LABORATORIES, INC.	
BI VET LABORATORIES, INC.	
NATION, INC.	
MAIL: P. O. BOX 727	
TEMPLE, TEXAS 76501	

ITX CORPORATION	234
SUBSIDIARY:	
AMERLAB, INC.	
DIVISIONS:	
KENELAB, DIVISION AMERLAB, INC.	
MAAG BIOLOGICS, DIVISION AMERLAB, INC.	
MAIL: 1805 TAPAWINGO DRIVE	
GAINESVILLE, GEORGIA 30501	
MAINE BIOLOGICAL LABORATORIES, INC.	240
SUBSIDIARY:	
BIOLOGICS PRODUCTION, INC.	
MAIL: P. O. BOX 255	
WATERVILLE, MAINE 04901	
ABBOTT LABORATORIES	243
MAIL: ABBOTT BIOLOGICAL LABORATORIES	
P. O. BOX 6	
BERLIN, MARYLAND 21811	
ABBOTT LABORATORIES	243A
MAIL: ABBOTT BIOLOGICAL LABORATORIES	
12300 SANTA FE DRIVE	
LENEXA, KANSAS 66215	
MOGUL CORPORATION, THE	245
DIVISIONS:	
BIOLOGICAL SPECIALTIES	
UNITED ANIMAL SCIENCE	
MAIL: 7819 AIRPORT ROAD	
MIDDLETON, WISCONSIN 53562	
MOGUL CORPORATION, THE	245A
DIVISIONS:	
BIOLOGICAL SPECIALTIES	
UNITED ANIMAL SCIENCE	
MAIL: 255 ELLIOTT STREET	
COUNCIL BLUFFS, IOWA 51501	

CHROMALLOY PHARMACEUTICAL, INC.	251
DIVISIONS:	
BURNS-BIOTEC LABORATORIES	
BRADLEY PRODUCTS COMPANY	
CHROMALLOY ANIMAL HEALTH	
MAIL: BURNS-BIOTEC LABORATORIES DIVISION	
CHROMALLOY PHARMACEUTICAL, INC.	
P. O. BOX 3113	
OMAHA, NEBRASKA 68103	
ALCON LABORATORIES, INC.	259
SUBSIDIARY:	
CENTER LABORATORIES, INC.	
MAIL: P. O. BOX 1959	
FORT WORTH, TEXAS 76101	
PUREX LABORATORIES	260
MAIL: WEST STREET	
HANOVER, NEW JERSEY 07936	
JOHNSON & JOHNSON	264
SUBSIDIARIES:	
PITMAN-MOORE, INC.	
TAVOLEK, INC.	
MAIL: PITMAN-MOORE, INC.	
P. O. BOX 344	
WASHINGTON CROSSING, NEW JERSEY 08560	
JOHNSON & JOHNSON	264A
SUBSIDIARIES:	
PITMAN-MOORE, INC.	
TAVOLEK, INC.	
MAIL: TAVOLEK, INC.	
P. O. BOX 184	
TITUSVILLE, NEW JERSEY 08560	
DOUGLAS INDUSTRIES, INC.	266
SUBSIDIARIES:	
ACME LABORATORIES, INC.	
DOUGLAS LABORATORIES, INC.	
DOUGLAS VETERINARY PRODUCTS, INC.	
ROLYNN LABORATORIES, INC.	
MAIL: 8906 ROSEHILL ROAD	
LENEXA, KANSAS 66215	

LONG ISLAND DUCK RESEARCH COOPERATIVE, INC. MAIL: CORNELL UNIVERSITY DUCK RESEARCH LABORATORY OLD COUNTRY ROAD P. O. BOX 217 EASTPORT, NEW YORK 11941	268
AGRI BIO CORP. SUBSIDIARY: INTERSTATE BIOLOGIC CORP. MAIL: P. O. BOX 280 ITHACA, NEW YORK 14850	269
MILES LABORATORIES, INC. DIVISIONS: DOME LABORATORIES MILES VETERINARY DIVISION MAIL: DOME LABORATORIES 400 MORGAN LANE WEST HAVEN, CONNECTICUT 06516	270
DEKALB AG RESEARCH, INC. MAIL: SYCAMORE ROAD DEKALB, ILLINOIS 60115	271
BIOLOGICS CORPORATION DIVISIONS: AGRI-MART DIVISION CUSTOM BIOLOGICS, INC. DELLEN LABORATORIES, INC. MAIL: DELLEN LABORATORIES, INC. DIVISION OF BIOLOGICS CORPORATION 8445 LAKE STREET OMAHA, NEBRASKA 68134	272
DYNATECH LABORATORIES DIVISIONS: COOKE INSTRUMENTS AG COOKE INSTRUMENTS LTD. COOKE LABORATORY PRODUCTS COOKE LABORATORY PRODUCTS (PTE) LTD. COOKE PRODUKTE AG MAIL: 900 SLATERS LANE ALEXANDRIA, VIRGINIA 22314	273

TRI-RIO LABORATORIES, INC.
MAIL: 1400 FOX HILL ROAD
STATE COLLEGE, PENNSYLVANIA 16801

275

WILDLIFE VACCINES, INC.
MAIL: 11475 W. 48TH AVENUE
WHEAT RIDGE, CO. 80033

277

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ANAPLASMOSIS VACCINE</u>	
1005.50	KILLED BOVINE ORIGIN	112
	<u>ANTHRAX SPORE VACCINE</u>	
1011.00	NONENCAPSULATED LIVE CULTURE	52, 107, 188
	<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>	
1051.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196
1051.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN LYOPHILIZED	196, 226, 243, 269
1055.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
	<u>BLUETONGUE VACCINE</u>	
1061.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188
	<u>BOVINE RHINOTRACHEITIS VACCINE</u>	
1101.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3, 52, 107, 112, 112A, 124, 188, 213, 225, 243A, 251, 264

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN INTRANASAL	107, 225
1101.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1101.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN INTRANASAL	189
<u>BOVINE RHINOTRACHEITIS</u>		
<u>VACCINE -</u>		
<u>LEPTOSPIRA GRIPPOTYPHOSA-</u>		
<u>HARDJO-POMONA BACTERIN</u>		
1189.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
<u>BOVINE RHINOTRACHEITIS</u>		
<u>VACCINE -</u>		
<u>LEPTOSPIRA POMONA BACTERIN</u>		
1111.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3
1119.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	52, 107, 112, 112A, 124, 188, 213, 225, 243A, 251, 264
1119.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124, 189, 272
<u>BOVINE RHINOTRACHEITIS</u>		
<u>VACCINE -</u>		
<u>LEPTOSPIRA POMONA-PASTEURELLA</u>		
<u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>		
11E9.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-
PARAINFLUENZA 3 VACCINE

1121.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	112, 188, 213, 243A, 251, 264
1121.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN INTRANASAL	107, 225, 264
1121.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1121.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN INTRANASAL	189
1121.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	52
1125.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112

BOVINE RHINOTRACHEITIS-
PARAINFLUENZA 3 VACCINE -
LEPTOSPIRA GRIPPITYPHOSA -
HARDJO-POMONA BACTERIN

1149.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
---------	----------------------------------------------------------------	-----

BOVINE RHINOTRACHEITIS-
PARAINFLUENZA 3 VACCINE -
LEPTOSPIRA POMONA BACTERIN

1139.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	112, 188, 213
---------	---------------------------------------------------------------------	---------------

CONTINUED

BOVINE RHINOTRACHEITIS-
PARAINFLUENZA 3 VACCINE -
LEPTOSPIRA POMONA BACTERIN

1139.20 MODIFIED LIVE VIRUS 272
 CELL LINE ORIGIN
 COMBINATION PACKAGE

1139.30 MODIFIED LIVE VIRUS 52
 TISSUE CULTURE AND
 CELL LINE ORIGIN
 COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS-
PARAINFLUENZA 3 VACCINE -
LEPTOSPIRA POMONA-PASTEURELLA
HAEMOLYTICA-MULTOCIDA BACTERIN

11K9.20 MODIFIED LIVE VIRUS 124
 CELL LINE ORIGIN
 COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS-
PARAINFLUENZA 3 VACCINE -
PASTEURELLA HAEMOLYTICA-
MULTOCIDA BACTERIN

1145.00 KILLED VIRUS 112, 124
 TISSUE CULTURE ORIGIN

1149.00 MODIFIED LIVE VIRUS 243A, 251, 264
 TISSUE CULTURE ORIGIN
 COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS-VIRUS
DIARRHEA VACCINE

1151.00 MODIFIED LIVE VIRUS 188, 213, 243A, 264
 TISSUE CULTURE ORIGIN

CONTINUED
BOVINE RHINOTRACHEITIS-VIRUS
DIARRHEA VACCINE

1151.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107, 124, 189
---------	---------------------------------------------------------------	---------------

BOVINE RHINOTRACHEITIS-
VIRUS DIARRHEA VACCINE -
LEPTOSPIRA GRIPPOTYPHOSA-
HARDJO-POMONA BACTERIN

11N9.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189
---------	--------------------------------------------------------------------------------------	-----

BOVINE RHINOTRACHEITIS-VIRUS
DIARRHEA VACCINE -
LEPTOSPIRA POMONA BACTERIN

1169.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 213
---------	---------------------------------------------------------------------	----------

1169.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	107, 189
---------	--------------------------------------------------------------------------------------	----------

BOVINE RHINOTRACHEITIS-
VIRUS DIARRHEA VACCINE -
LEPTOSPIRA POMONA-PASTEURILLA
HAEMOLYTICA-MULTOCIDA BACTERIN

1109.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	124
---------	--------------------------------------------------------------------------------------	-----

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-VIRUS
DIARRHEA-PARAINFLUENZA 3
VACCINE

1171.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 188, 213, 243A, 264
1171.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	124, 189

BOVINE RHINOTRACHEITIS-VIRUS
DIARRHEA-PARAINFLUENZA 3
VACCINE -
LEPTOSPIRA GRIPPOTYPHOSA-
HARDJO-POMONA BACTERIN

1179.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189
---------	--------------------------------------------------------------------------------------	-----

BOVINE RHINOTRACHEITIS-VIRUS
DIARRHEA-PARAINFLUENZA 3
VACCINE -
LEPTOSPIRA POMONA BACTERIN

1189.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 213
1189.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189

BOVINE RHINOTRACHEITIS-VIRUS
DIARRHEA-PARAINFLUENZA 3
VACCINE -
PASTEURELLA HAEMOLYTICA-
MULTOCIDA BACTERIN

1199.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213, 243A, 264
---------	---------------------------------------------------------------------	----------------

BOVINE VIRUS DIARRHEA VACCINE

1201.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	112, 124, 188, 189, 213, 243A, 251, 264
1201.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107

BOVINE VIRUS DIARRHEA
VACCINE -
LEPTOSPIRA POMONA BACTERIN

1219.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATTON PACKAGE	188
1219.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATTON PACKAGE	107

BRONCHITIS VACCINE

1231.11	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240
1231.12	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	196, 240, 243
1231.14	MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	243
1231.17	MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	165
1231.18	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (ALTERNATE)	196

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>BRUCELLA ABORTUS VACCINE</u>	
1251.00	STRAIN 19 LIVE CULTURE	52, 107, 115, 188
	<u>BURSAL DISEASE VACCINE</u>	
1271.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
1271.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
	<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>	
1288.40	MODIFIED LIVE AND LIVE TURKEY HERPESVIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN CELL ASSOC COMBINATION PACKAGE	226
1288.41	MODIFIED LIVE AND LIVE TURKEY HERPESVIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN CELL FREE COMBINATION PACKAGE	226
	<u>CANINE DISTEMPER VACCINE</u>	
1301.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 195A, 225, 243A, 251
1301.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A
1301.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 189, 245A, 264, 272

CONTINUED
CANINE DISTEMPER VACCINE

1301.59	MODIFIED LIVE VIRUS FERRET ORIGIN FERRET VIRULENT	195A
---------	---------------------------------------------------------	------

CANINE DISTEMPER-HEPATITIS
VACCINE

1311.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 112, 195A, 213, 225, 243A, 251
1311.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A
1311.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 124, 189, 213, 227, 245A, 264, 272
1311.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	227
1311.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN	188

CANINE DISTEMPER-HEPATITIS
VACCINE -
LEPTOSPIRA BACTERIN

1321.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272
1325.50	KILLED VIRUS CANINE ORIGIN	195A
1329.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	107, 112, 195A, 213, 225, 243A, 251

CONTINUED

CANINE DISTEMPER-HEPATITISVACCINE -LEPTOSPIRA BACTERIN

1329.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107, 124, 189, 227, 245A, 264, 272
1329.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	227
1329.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188

CANINE DISTEMPER VACCINE -LEPTOSPIRA BACTERIN

1349.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A, 251
1349.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272

CANINE DISTEMPER-MEASLES
VACCINE

1351.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
---------	-----------------------------------------	-----

CANINE HEPATITIS VACCINE

1361.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1361.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189

CANINE DISTEMPER-HEPATITIS-
PARAINFLUENZA VACCINE

1381.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1381.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189, 264, 272

CANINE DISTEMPER-HEPATITIS-
PARAINFLUENZA VACCINE -
LEPTOSPIRA BACTERIN

1399.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A
1399.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189, 264, 272

CANINE HOOKWORM VACCINE

1411.00	MODIFIED LIVE LARVAE CANINE ORIGIN	107
---------	---------------------------------------	-----

CANINE PARAINFLUENZA VACCINE

1421.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1421.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189, 264, 272

COCCIDIOSIS VACCINE

1431.50	LIVE OOCYSTS CHICKEN ORIGIN	226A
---------	--------------------------------	------

DUCK VIRUS HEPATITIS VACCINE

1441.10	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	268
---------	----------------------------------------------	-----

DISTEMPER VACCINE -
MINK

1451.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165, 245
1451.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN SPRAY	165, 245

DUCK VIRUS ENTERITIS VACCINE

1461.10	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	268
---------	----------------------------------------------	-----

ENCEPHALOMYELITIS VACCINE

1475.00	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN INTRADERMAL	107, 112, 188, 189, 227
1475.01	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN INTRAMUSCULAR	52, 112
1481.00	VENEZUELAN MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 189
1485.33	EASTERN WESTERN VENEZUELAN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107

ENCEPHALOMYELITIS-INFLUENZA
VACCINE -
TETANUS TOXOID

1405.41	EASTERN	52
	WESTERN	
	KILLED VIRUS	
	TISSUE CULTURE AND	
	CHICKEN EMBRYO ORIGIN	

ENCEPHALOMYELITIS VACCINE -
TETANUS TOXOID

1495.00	EASTERN	52, 112
	WESTERN	
	KILLED VIRUS	
	TISSUE CULTURE ORIGIN	

1495.33	EASTERN	107
	WESTERN	
	VENEZUELAN	
	KILLED VIRUS	
	TISSUE CULTURE AND	
	CELL LINE ORIGIN	

EQUINE INFLUENZA VACCINE

1505.10	KILLED VIRUS	107A, 112, 189
	CHICKEN EMBRYO ORIGIN	
	AQUEOUS	

1505.11	KILLED VIRUS	52, 112
	CHICKEN EMBRYO ORIGIN	
	EMULSIFIED	

EQUINE INFLUENZA VACCINE -
TETANUS TOXOID

1515.10	KILLED VIRUS	112
	CHICKEN EMBRYO ORIGIN	

EQUINE RHINOPNEUMONITIS
VACCINE

1521.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189
1521.50	LIVE VIRUS HAMSTER ORIGIN	112

ERYSIPELOTHRIX RHUSIOPATHIAE
VACCINE

1541.00	AVIRULENT LIVE CULTURE	52, 189
1541.02	AVIRULENT LIVE CULTURE ORAL	124
1541.03	AVIRULENT LIVE CULTURE ORAL & INTRAMUSCULAR	112

FELINE PANLEUKOPENIA VACCINE

1561.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A, 213, 225, 264
1561.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN LIQUID	225
1561.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1561.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN LIQUID	272
1565.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107, 112, 195A, 225, 243A, 251, 264
1565.20	KILLED VIRUS CELL LINE ORIGIN	189, 272

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCER.
<u>CONTINUED</u>		
<u>FELINE PANLEUKOPENIA VACCINE</u>		
1565.50	KILLED VIRUS FELINE ORIGIN	112, 227
<u>FELINE PNEUMONITIS VACCINE</u>		
1581.10	MODIFIED LIVE CHLAMYDIA CHICKEN EMBRYO ORIGIN	195A
<u>FELINE RHINOTRACHEITIS VACCINE</u>		
1641.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A, 225
1641.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	264
<u>FELINE RHINOTRACHEITIS- PANLEUKOPENIA VACCINE</u>		
1688.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225
1689.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225
1689.30	MODIFIED LIVE AND KILLED VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	264
<u>FELINE RHINOTRACHEITIS-CALICI VACCINE</u>		
16C1.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A

CONTINUED

FELINE RHINOTRACHEITIS-CALICI
VACCINE

16C1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189, 264, 272
---------	-----------------------------------------	---------------

FELINE RHINOTRACHEITIS-CALICI-
PANLEUKOPENIA VACCINE

16D1.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
---------	----------------------------------------------	------

16D1.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	264
---------	---------------------------------------------------------------	-----

16D8.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
---------	----------------------------------------------------------------	-----

16D9.20	MODIFIED LIVE AND KILLED VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
---------	------------------------------------------------------------------------------	-----

16D9.30	MODIFIED LIVE AND KILLED VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	264
---------	----------------------------------------------------------------------------------------------------	-----

FELINE RHINOTRACHEITIS-CALICI-
PNEUMONITIS VACCINE

16F1.40	MODIFIED LIVE VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	195A
---------	-------------------------------------------------------------------------------------	------

FOWL LARYNGOTRACHEITIS VACCINE

1601.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165
---------	----------------------------------------------	-----

CONTINUEDFOWL LARYNGOTRACHEITIS VACCINE

1601.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 243
1601.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 226, 243
1601.12	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165

FOWL POX VACCINE

1621.00	LIVE VIRUS TISSUE CULTURE ORIGIN	165, 196, 226, 269
1621.01	LIVE VIRUS TISSUE CULTURE ORIGIN (VARIANT)	269
1621.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 243
1621.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	195

FOX ENCEPHALITIS VACCINE

1635.20	KILLED VIRUS CELL LINE ORIGIN	245A
---------	----------------------------------	------

MAREK'S DISEASE VACCINE

1641.00	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3, 195, 196, 226, 234, 269, 271, 275
1641.01	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE	3, 165, 195, 196, 226, 243, 243A, 269, 271, 275

CONTINUED
MAREK'S DISEASE VACCINE

1641.02	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE FROZEN	195
---------	-------------------------------------------------------------------------	-----

MEASLES VACCINE

1661.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 213
---------	----------------------------------------------	----------

MINK ENTERITIS VACCINE

1685.00	KILLED VIRUS TISSUE CULTURE ORIGIN	245
---------	---------------------------------------	-----

MINK ENTERITIS VACCINE -
CLOSTRIDIUM BOTULINUM TYPE C
BACTERIN-TOXOID

1695.00	KILLED VIRUS TISSUE CULTURE ORIGIN	165, 245
---------	---------------------------------------	----------

NEWCASTLE DISEASE VACCINE

1705.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
---------	---------------------------------------	-----

1711.10	B1 TYPE B1 STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
---------	-------------------------------------------------------------	---------------------------------

1721.10	B1 TYPE LASOTA STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
---------	-----------------------------------------------------------------	---------------------------------

1731.10	ROAKIN TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196
---------	----------------------------------------------------	-----

NEWCASTLE DISEASE-AVIAN
ENCEPHALOMYELITIS VACCINE

1745.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
---------	---------------------------------------	-----

NEWCASTLE-BRONCHITIS VACCINE

1761.11	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
1761.12	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	196, 240, 243
1761.13	B1 TYPE B1 STRAIN CONN TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195
1761.14	B1 TYPE B1 STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 226
1761.1A	B1 TYPE B1 STRAIN MASS & JMK TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	226
1761.17	B1 TYPE B1 STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	165, 196, 243

CONTINUED

NEWCASTLE-BRONCHITIS VACCINE

1761.18	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (ALTERNATE)	196, 226
1761.19	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (ALTERNATE VARIANT)	226, 243
1771.11	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 240
1771.12	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	243
1771.14	B1 TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
1771.17	B1 TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN (VARIANT)	165, 243
1771.18	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (ALTERNATE)	226

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCE

CONTINUED
NEWCASTLE-BRONCHITIS VACCINE

1771.19	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN (ALTERNATE VARIANT)	226, 243
---------	-----------------------------------------------------------------------------------------------------	----------

OVINE ECTHYMA VACCINE

1821.00	LIVE VIRUS TISSUE CULTURE ORIGIN	188
1821.50	LIVE VIRUS OVINE ORIGIN	52, 112A

PARAINFLUENZA 3 VACCINE

1841.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188
1841.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN INTRANASAL	107, 225

PARAINFLUENZA 3 VACCINE -
LEPTOSPIRA POMONA BACTERIN

1859.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
---------	---------------------------------------------------------------------	-----

PASTEURELLA MULTOCIDA VACCINE

1871.01	LIVE AVIAN ISOLATE ORAL	234
1871.05	LIVE AVIAN ISOLATE ORAL LIQUID	196

PIGEON POX VACCINE

1881.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 226, 243
1881.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN PIGEONS ONLY	196

PSEUDORABIES VACCINE

1891.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
---------	-----------------------------------------	-----

RABIES VACCINE

1901.03	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN HIGH CELL PASSAGE SAD STRAIN	107, 124, 264
1901.05	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN HIGH CELL PASSAGE SAD STRAIN FOR USE IN DOGS ONLY	124
1901.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN LOW EGG PASSAGE FLURY STRAIN	195A, 225, 234
1901.22	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH EGG PASSAGE FLURY STRAIN	189
1901.24	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH CELL PASSAGE KISSLING STRAIN	225

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u> <u>RABIES VACCINE</u>	
1905.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107, 251
1905.50	KILLED VIRUS CAPRINE ORIGIN	227
1905.51	KILLED VIRUS MURINE ORIGIN	266
1905.55	KILLED VIRUS MURINE ORIGIN ALTERNATE	266
	<u>REO VIRAL CALF DIARRHEA</u> <u>VACCINE</u>	
1921.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN ORAL	189
	<u>REO-CORONA VIRAL CALF DIARRHEA</u> <u>VACCINE</u>	
1931.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN ORAL	189
	<u>STREPTOCOCCUS GROUP E VACCINE</u>	
1941.00	AVIRULENT LIVE CULTURE	112
	<u>TRANSMISSIBLE GASTROENTERITIS</u> <u>VACCINE</u>	
1961.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	213
	<u>WART VACCINE</u>	
1985.50	KILLED VIRUS BOVINE ORIGIN	52, 112, 112A, 124, 188, 189, 213, 243A, 251

BACTERINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
	<u>AUTOGENOUS BACTERIN</u>				
2051.00	AVIAN ISOLATES AQUEOUS	112, 226A	188,	195,	196,
2051.01	BOVINE ISOLATES AQUEOUS	112, 225,	188, 245	195,	213,
2051.02	PORCINE ISOLATES AQUEOUS	112, 225,	188, 245	195,	213,
2051.03	OTHER SPECIES ISOLATES AQUEOUS	112, 225,	188, 245	195,	213,
2051.10	AVIAN ISOLATES EMULSIFIED	195,	196,	226A,	240
	<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>				
2100.00		251			
	<u>CLOSTRIDIUM CHAUVOEI BACTERIN</u>				
2151.00		115			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>				
2401.00		52, 115, 243A,	107, 188,	112, 213,	112A, 225,
2401.20	2CC DOSE	124			
2401.50	5CC DOSE	124			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- LEPTOSPIRA POMONA BACTERIN</u>				
2408.00		107,	124		

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2460.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA BACTERIN</u>	52, 107, 112A, 124, 188, 213, 225
2461.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>PASTEURELLA MULTOCIDA BACTERIN</u>	112, 188, 225, 243A
2465.20	<u>CLOSTRIDIUM HAEMOLYTICUM</u> <u>BACTERIN</u>	115, 213
2465.50	2CC DOSE	52, 107, 112A, 115
2465.90	5CC DOSE	107, 124, 213
2465.90	10CC DOSE	
2633.00	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA BACTERIN</u>	52, 112, 112A, 213, 225
2633.00	BOVINE ISOLATES	
2635.00	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA MULTOCIDA-</u> <u>SALMONELLA CHOLERAESUIS</u> <u>BACTERIN</u>	112, 213, 225
2635.00	PORCINE ISOLATES	
2638.00	<u>ENTERIC REDMOUTH BACTERIN</u>	277
2641.20	<u>ERYSIPELOTHRIX RHUSIOPATHIAE</u> <u>BACTERIN</u>	52, 107, 112, 112A, 115, 124, 188, 195, 195A, 196, 213, 225, 243A, 251, 264, 272
2641.20	2CC DOSE	

CONTINUED
ERYSIPELOTHRIX RHUSIOPATHIAE
BACTERIN

2641.50 5CC DOSE 188, 213

ERYSIPELOTHRIX RHUSIOPATHIAE-
PASTEURILLA MULTOCIDA BACTERIN

2645.03 AVIAN ISOLATES 196
 TYPES 1 3 & 4

ESCHERICHIA COLI-PASTEURILLA
MULTOCIDA-SALMONELLA
CHOLERAESUIS BACTERIN

2650.00 PORCINE ISOLATES 112, 213, 225

ESCHERICHIA COLI-PASTEURILLA
HAEMOLYTICA-MULTOCIDA-
SALMONELLA TYPHIMURIUM
BACTERIN

2651.00 BOVINE ISOLATES 112, 112A, 213, 225

HAEMOPHILLUS GALLINARUM
BACTERIN

2658.00 195

LEPTOSPIRA CANICOLA BACTERIN

2661.00 188

LEPTOSPIRA CANICOLA-
GRIPPOTYPHOSA-HARDJO-
ICTEROHAEMORRHAGIAE-POMONA
BACTERIN

2665.00 188, 189, 225

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

2671.00	<u>LEPTOSPIRA CANICOLA-</u> <u>ICTEROHAEMORRHAGIAE BACTERIN</u>	52, 107, 112, 124, 188, 189, 195A, 213, 225, 227, 243A, 245A, 251, 264, 272
2671.01	ALTERNATE	272
2673.00	<u>LEPTOSPIRA CANICOLA-</u> <u>ICTEROHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>	213
2675.00	<u>LEPTOSPIRA GRIPPOTYPHOSA</u> <u>BACTERIN</u>	188
2681.00	<u>LEPTOSPIRA GRIPPOTYPHOSA-</u> <u>HARDJO-POMONA BACTERIN</u>	124, 189, 225
2691.20	<u>LEPTOSPIRA POMONA BACTERIN</u>	
	2CC DOSE	3, 52, 107, 112, 112A, 124, 188, 189, 213, 225, 243A, 251, 264, 272
2691.50	5CC DOSE	188
2695.00	<u>LEPTOSPIRA POMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
	BOVINE ISOLATES	124
2700.00	<u>PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA BACTERIN</u>	
	BOVINE ISOLATES	52, 107, 112, 112A, 124, 213, 225, 243A, 251, 264

PASTEURELLA MULTOCIDA BACTERIN

2701.22	BOVINE & PORCINE ISOLATES 2CC DOSE	188
2701.52	BOVINE & PORCINE ISOLATES 5CC DOSE	188
2702.01	AVIAN ISOLATES TYPE 1 AQUEOUS	243
2702.02	AVIAN ISOLATES TYPES 1 & 3 AQUEOUS	226A
2702.03	AVIAN ISOLATES TYPES 1 3 & 4 AQUEOUS	243
2702.12	AVIAN ISOLATES TYPES 1 & 3 EMULSIFIED	240
2702.13	AVIAN ISOLATES TYPES 1 3 & 4 EMULSIFIED	195, 196, 226A, 240

SALMONELLA DUBLIN-TYPHIMURIUM
BACTERIN

2821.00	BOVINE ISOLATES	52
---------	-----------------	----

STAPHYLOCOCCUS AUREUS BACTERIN

2852.00		124
---------	--	-----

STREPTOCOCCUS EQUI BACTERIN

2855.00		112
---------	--	-----

VIBRIO ANGUILLARUM BACTERIN

2858.02		264, 264A, 277
---------	--	----------------

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>VIBRIO FETUS BACTERIN</u>	
2861.00	OVINE ISOLATES AQUEOUS	188, 251
2862.00	BOVINE ISOLATES AQUEOUS	52, 112A, 124, 251
2862.10	BOVINE ISOLATES EMULSIFIED	112, 188, 189
	<u>VIBRIO FETUS-LEPTOSPIRA POMONA BACTERIN</u>	
2865.00	BOVINE ISOLATES	52, 112A, 124

ANTISERUMS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CANINE DISTEMPER-HEPATITIS-</u> <u>LEPTOSPIRA CANICOLA ANTISERUM</u>	
3343.00	CANINE ORIGIN CONCENTRATE	195A
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>ESCHERICHIA COLI-PASTEURELLA</u> <u>MULTOCIDA-SALMONELLA</u> <u>TYPHIMURIUM ANTISERUM</u> <u>CONCENTRATE</u>	
3400.00	BOVINE ISOLATES & ORIGIN	124
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA ANTISERUM</u>	
3411.00	BOVINE ISOLATES & ORIGIN	213
3414.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	213
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA MULTOCIDA</u> <u>ANTISERUM</u>	
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN CONCENTRATE	188

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>DUCK VIRUS HEPATITIS YOLK ANTIBODY</u>	
3508.00	CHICKEN EGG ORIGIN	268
	<u>ERYSIPHELOTHRIX RHUSIOPATHIAE ANTISERUM</u>	
3511.00	EQUINE ORIGIN	188, 213
3514.00	EQUINE ORIGIN CONCENTRATE	124
	<u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3531.00	BOVINE ISOLATES & ORIGIN	112, 188, 251
	<u>FELINE PANLEUKOPENIA ANTISERUM</u>	
3551.00		112
	<u>NORMAL SERUM</u>	
3602.00	EQUINE ORIGIN	188
3603.00	FELINE ORIGIN	188, 195A
	<u>PASTEURELLA MULTOCIDA ANTISERUM</u>	
3701.00	BOVINE ISOLATES BOVINE ORIGIN	251
3701.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188

DIAGNOSTICS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ALEUTIAN DISEASE</u> <u>COUNTERELECTROPHORESIS ANTIGEN</u>	
5005.00	MINK ORIGIN	245
	<u>BRUCELLA ABORTUS ANTIGEN</u>	
5011.00	STAINED ANTIGEN	107
	<u>CANINE BRUCELLOSIS</u> <u>AGGLUTINATION ANTIGEN &</u> <u>REAGENT SERUM</u>	
5021.00	CANINE ORIGIN	264
	<u>LEPTOSPIRA CANICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPOTYPHOSA</u> <u>ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112
	<u>LEPTOSPIRA ICTERHAEMORRHAGIAE</u> <u>ANTIGEN</u>	
5057.00		112
	<u>LEPTOSPIRA POMONA ANTIGEN</u>	
5059.00		112
	<u>MYCOPLASMA GALLISEPTICUM</u> <u>ANTIGEN</u>	
5071.00	S-6 SEROTYPE PLATE	195

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

MYCOPLASMA MEFAGRIDIS ANTIGEN

5072.00	H-SEROTYPE PLATE	195
---------	---------------------	-----

MYCOPLASMA SYNOVIAE ANTIGEN

5073.00	S-SEROTYPE PLATE	195
---------	---------------------	-----

PULLORUM ANTIGEN

5201.00	MICROTEST	273
5206.00	STAINED ANTIGEN K POLYVALENT	195, 196
5208.00	TUBE	196

TUBERCULIN

5301.00	MAMMALIAN HUMAN ISOLATES INTRADERMIC	107
5302.00	PPD BOVIS INTRADERMIC	107

BOVINE LEUKEMIA GLYCOPROTEIN
IMMUNODIFFUSION ANTIGEN &
REAGENT AND REFERENCE SERUMS

5505.20	CELL LINE ORIGIN BOVINE ORIGIN	264
---------	-----------------------------------	-----

EQUINE INFECTIOUS ANEMIA
IMMUNODIFFUSION ANTIGEN &
REAGENT SERUM

5515.20	CELL LINE ORIGIN EQUINE ORIGIN	264
---------	-----------------------------------	-----

ANTITOXINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ANTIVENIN</u>	
6101.00	(CROTALIDAE) POLYVALENT EQUINE ORIGIN	112R
	<u>CLOSTRIDIUM PERFRINGENS TYPE D ANTITOXIN</u>	
6201.00		188
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN</u>	
6211.00		188, 251
	<u>CLOSTRIDIUM PERFRINGENS TYPES C & D ANTITOXIN</u>	
6220.00	BOVINE ORIGIN	213
6221.00	EQUINE ORIGIN	124, 188, 243A, 251
	<u>TETANUS ANTITOXIN</u>	
6302.00	EQUINE ORIGIN	52, 107, 112, 188, 243A, 251

BACTERIN-TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
7211.00	<u>CLOSTRIDIUM ROTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	165, 245
7212.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM</u> <u>BACTERIN-TOXOID</u>	189
7215.20	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI BACTERIN-TOXOID</u>	124
7215.50	2CC DOSE	52, 107, 112A, 115, 124
7215.90	5CC DOSE	188
7216.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII</u> <u>BACTERIN-TOXOID</u>	52, 107, 112A, 124, 213, 225, 272
7217.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C & D BACTERIN-TOXOID</u>	107, 124
7219.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-LEPTOSPIRA POMONA</u> <u>BACTERIN-TOXOID</u>	107, 124

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

7220.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII-LEPTOSPIRA</u> <u>POMONA BACTERIN-TOXOID</u>	107
7221.00	<u>CLOSTRIDIUM NOVYI</u> <u>BACTERIN-TOXOID</u>	188
7223.00	<u>CLOSTRIDIUM NOVYI-SORDELLII</u> <u>BACTERIN-TOXOID</u>	52
7231.00	<u>CLOSTRIDIUM NOVYI-SORDELLII-</u> <u>PERFRINGENS TYPES C & D</u> <u>BACTERIN-TOXOID</u>	107, 124
7351.00	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u> <u>BACTERIN-TOXOID</u>	112A, 213, 225, 272
7353.00	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u> <u>BACTERIN-TOXOID</u>	112A, 115, 213, 225, 272
7354.00	<u>CLOSTRIDIUM PERFRINGENS TYPES</u> <u>C & D BACTERIN-TOXOID</u>	112, 112A, 115, 213, 225, 272
7401.00	<u>STAPHYLOCOCCUS AUREUS</u> <u>BACTERIN-TOXOID</u>	107

TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS.	OF PRODUCERS
	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u>		
	<u>TOXOID</u>		
A101.00		52, 107, 124, 189, 251	
	<u>CLOSTRIDIUM PERFRINGENS TYPES</u>		
	<u>C & D TOXOID</u>		
A201.00		107, 124, 189	
	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u>		
	<u>TOXOID</u>		
A301.00		52, 107, 112, 124, 189, 251	
	<u>CLOSTRIDIUM PERFRINGENS TYPE</u>		
	<u>D-TETANUS TOXOID</u>		
A305.00		112	
	<u>TETANUS TOXOID</u>		
A601.00		52, 107, 107A, 112, 188, 225	

MISCELLANEOUS PRODUCTS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	259, 260, 270
9522.01	MIXED RAGWEED	259, 260
9522.02	MIXED TREES	259, 260, 270
9522.03	MIXED GRASSES	259, 260, 270
9522.04	MIXED WEEDS	259, 260, 270
9523.00	MIXED MOLDS	259, 260
9524.00	MIXED INHALANTS	259, 260
9525.00	FLEA ANTIGEN	259, 260
9526.00	DUST & MOLDS	259, 260
9527.00	MIXED EPIDERMALS	259, 270
9528.00	MIXED INSECTS	259
9531.00	PRESCRIPTION PRODUCT	259
9532.00	INTRADERMAL TEST KIT	259

